Rev. 3-21-01

Effective March 1998

## DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

() Original () Supplemental () Substitute (X) PCT () DESIGN

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

int inventor (if plural inventors vention entitled:	are named belov	v) of the subject matter	which is c	laimed and for which a	patent is sought o
le: ANTENNA DUPLEXER					
which is described and claimed	in:				
the attached specification, or					
he specification in application Sough, o	erial No.		_, filed	, and w	rith amendments
the specification in Internation applicable).	al Application N	o. <u>PCT/JP00/09075</u> ,	filed <u>Dec</u>	ember 21, 2000 , and a	as amended on
ereby state that I have reviewed any amendment(s) referred to a	and understand bove.	the content of the above	-identified	specification, including	the claims, as ame
eknowledge my duty to disclose ined in Title 37, Code of Feder ereby claim priority benefits u dication(s) for patent or invento tificate having a filing date before	al Regulations, { nder Title 35, r's certificate lis	§1.56. United States Code, §1 sted below and have als	19 (and §1	72 if this application i below any application	s for a Design) of
COUNTRY	APPI	LICATION NO.	DA	ATE OF FILING	PRIORITY CLAIMED
Japan		11-367178	Dec	cember 24, 1999	YES
ereby claim the benefit under Ti ject matter of each of the claims first paragraph of Title 35, Un ined in Title 37, Code of Federa PCT international filing date of	of this applicati ited States Code I Regulations, §1	on is not disclosed in the §112, I acknowledge t	prior Unite	ed States application in t lisclose information ma	the manner provide terial to patentabili
APPLICATION SERIAL NO. U.S. I		U.S. FILING DATE	E STATUS: PATENTE ABANDON		
Market Control of the				ABANDO	ONED

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; and Michael S. Huppert, Reg. No. 40,268, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from Matsushita Electric Industrial Co., Ltd. as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.



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I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor <u>Razwaki Nishida</u>	Date October 11, 2001
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Toru SAKURAGAWA 5th Inventor Ntrochi Linaka	Date October 11, 2001
Hiroshi FUJINAKA 6th Inventor	Date

The above application may be more particularly identified as follows:

U.S. Application Serial No. 09/914, 263 Filing Date August 24, 2001

Applicant Reference Number P24368-01(I.S.Teraoka) Atty Docket No. 2001\_1123A

Title of Invention ANTENNA DUPLEXER



Rev. 3-21-01

Effective March 1998

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() Substitute (X) PCT () DESIGN () Original () Supplemental

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next ıd ıe

to my name; that I verily believe that joint inventor (if plural inventors ar invention entitled:					
Title: ANTENNA DUPLEXER					
of which is described and claimed in () the attached specification, or () the specification in application Set through, or (X) the specification in International (if applicable).	rial No				
I hereby state that I have reviewed a by any amendment(s) referred to abo		stand the content of the above-id	lentified s	pecification, including t	he claims, as amende
I acknowledge my duty to disclose t defined in Title 37, Code of Federal			ormation	known to me to be mat	erial to patentability
I hereby claim priority benefits una application(s) for patent or inventor certificate having a filing date before	s certific	ate listed below and have also is	dentified	below any application f	
COUNTRY		APPLICATION NO.	DA	ATE OF FILING	PRIORITY CLAIMED
Japan		11-367178	December 24, 1999 Y		YES
I hereby claim the benefit under Titl subject matter of each of the claims of the first paragraph of Title 35, Unit defined in Title 37, Code of Federal or PCT international filing date of the	of this ap <sub>l</sub> ed States Regulatio	plication is not disclosed in the p Code §112, I acknowledge the ons, §1.56 which occurred betwe	rior Unite	ed States application in the lisclose information mat	ne manner provided berial to patentability
APPLICATION SERIAL NO.		U.S. FILING DATE		STATUS: PATENTED, PENDING, ABANDONED	
		z. No. 25,134; Matthew M. Jaco			

33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; and Michael S. Huppert, Reg. No. 40,268, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

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		Date
	Toru SAKURAGAWA	
		Date
	Hiroshi FUJINAKA	
6th Inventor		Date
The above ar	oplication may be more particularly identified as follows:	
•	• • •	
U.S. Applica	tion Serial No.	Filing Date August 24, 2001
Applicant Re	ference Number <u>P24368-01(I.S.Teraoka)</u> Atty Docket N	No. <u>2001_1123A</u>

Title of Invention ANTENNA DUPLEXER